Pella Architect Series® Traditional – Multi-Slide Door

Aluminum EnduraClad® Exterior

Detailed Product Description

Frame

- Select softwood and softwood plywood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [pine] [mahogany] edge banded and veneered.
- Exterior surfaces are clad with aluminum at the head and jambs.
- Head and jamb components are assembled with screws and staples.
- Extruded aluminum sill tracks and sill track covers are bonded to a stainless steel sill pan with 3M VHB tape. Stainless steel track caps on which the rollers glide.
- Sill Finish is [painted solar reflective black] [painted "clear" morning sky gray].
- Frame Depth varies from 5.92" to 22.42" depending on configuration. See Overall Track Depth for dimension.
- 1-1/2" Weep Sill and Surface Mount Sill tracks run continuous length of frame width. Ramps run length of Daylight opening only (not in the pocket).

– or –

- Integrated Sill is [Continuous length of frame] [Staggered under the panel travel] for field-installed finished flooring between sill tracks.

Door Panels

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are veneered with [pine] [mahogany] [douglas fir].
- Exterior surfaces are clad with aluminum.
- Panel stiles have LVL core with finger-jointed edge bands on both sides and veneered on both faces.
- Panel rails are three-ply construction, randomly finger-jointed blocks laminated with water-resistant glue and veneered on both sides.
- Corners are secured with metal fasteners and structural adhesive.
- Panel thickness is 2-1/16" (52 mm).
- Panel exterior profile is ogee and interior profile is ogee.
- Vent panels have two adjustable ABEC 5 sealed electroplated steel ball-bearing rollers with organic coating, set on stainless steel track, standard.

– or –

- Two adjustable corrosion-resistant stainless steel ball-bearing rollers; out of-unit option.

Weatherstripping

- Mohair at heads on interior and exterior of panel
- Dual Durometer extruded polymer leaf weatherstrip and mohair rain screen at jambs
- Dual Durometer extruded polymer bulb at bottom of panels on interior and exterior
- Mohairs at panel interlockers

Glazing System[1]

- Quality fully-tempered float glass complying with ASTM C 1048.
- Custom and high altitude glazing available.
- Silicone-glazed dual-pane 13/16" dual-seal insulating glass, [[clear] [[Advanced Low-E] [SunDefense™ Low-E] [NaturalSun Low-E] [AdvancedComfort Low-E] with argon]] [[bronze] [gray] [green] Advanced Low-E [with Argon]] [obscure] [Reflective Bronze]

-or-

- Silicone-glazed dual-pane 13/16" dual-seal non-impact laminated glass [clear] [[Advanced Low-E] [SunDefense Low-E] with Argon]] [[bronze] [gray] [green] Advanced Low-E [with argon]].

Exterior

- Aluminum clad exteriors shall be finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
  - Color is [Standard] [custom][2].

– or –

- Aluminum clad exteriors shall be finished with EnduraClad Plus protective finish with 70% fluoropolymer resin in a multi-step, baked-on finish.
  - Color is [Standard] [custom][2].

Interior

- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [factory prefinished [paint] [stain] [2]].

Hardware

- Standard flush handle style with SmartKey Security™ Re-key technology is brass. Hardware finish is [baked enamel [White] [Brown] [Matte Black]] [Bright Brass PVD] [Satin Nickel PVD] [Polished Chrome] [Oil Rubbed Bronze (Non-living)].
- Optional Baldwin® sliding patio door hardware styles with SmartKey Security™ Re-key technology. Hardware finish varies by style in [Matte Black] [Bright Brass] [Satin Nickel] [Oil Rubbed Bronze] [Antique Brass] [Distressed Bronze] [Distressed Nickel] [Polished Chrome] [Polished Nickel].
- Multiple point lock hardware is electroplated steel with stainless steel strikes. Located on lead vent panel and fixed panel. Wood plug on fixed panel hides access to fixed panel locking hardware.
- Stacking door with dual vent option allows traditional "fixed' panel to vent one panel width in the opposite direction, with matching hardware set on dual vent panel.
- Biparting doors have an active handle set and inactive handle set in middle panels.
- Hardware handle lock lever location from bottom of the panel to center of lock thumb turn is [Typical 40.843"] [54.843"]

Optional Products

Grilles

- Integral Light Technology®
  - Interior grilles are [7/8"] [1-1/4"] [2"] ogee profile that are solid [Pine] [mahogany] [douglas fir]. Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [paint] [stain]$_2$].
  - Exterior grilles are [7/8"] [1-1/4"] [2"] ogee profile that are extruded aluminum, finished to match door cladding.
  - Patterns are [Traditional] [Prairie] [Top Row] [Cross] [New England] [Victorian] [Diamond] [custom].
  - Insulating glass contains non-glare spacer between the panes of glass.
  - Grilles are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with the non-glare spacer

– or –

- Grilles-Between-the-Glass$_3$
  - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
  - Patterns are [Traditional] [Prairie] [Cross] [Top Row]
  - Interior color is [White] [Black] [Tan$_4$] [Brown$_4$] [Putty$_4$] [Ivory] [Brickstone] [Harvest] [Cordovan] [Sand Dune] [Morning Sky Gray].
  - Exterior color$_5$ is [standard$_2$].

– or –

- Roomside Removable Grilles
  - [[3/4"] [2"] Traditional]] [[1-1/4"] [2"] Colonial]] profile, with [Traditional] [Prairie] [Cross] [Top Row] patterns that are removable solid pine wood Grilles steel-pinned at joints and fitted to sash with steel clips and tacks.
  - Interior [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [paint] [stain] $_2$].
  - Exterior [unfinished, ready for site finishing] [factory primed] [factory prefinished, finish color matched to exterior cladding$_5$].

Sensors

- Optional factory installed integrated security sensors available in vent units.

(1) Insulating glass with argon is Low-E coated. All other insulating glass is air-filled.

(2) Contact your local Pella sales representative for current color options.

(3) Available in clear or Low-E insulating glass only.

(4) Tan, Brown and Putty Interior GBG colors are available in single-tone (Putty/Putty, Brown/Brown or Tan/Tan) (Putty mono). Other interior colors are also available with Tan or Brown exterior.

(5) Appearance of exterior grille color will vary depending on Low-E coating on glass.